

ground, on about a dozen leaves
In new leaves, found three
snails, spiders, grasshoppers,
ants, worms, beetles, butterflies, &c.
A,

Rm. Austin

Butterfly Valley
August 1st 1875

Dr. A. Gray;

Dear sir;

Your note in
answer to my inquiries about the
rootstock of *Sar*^{is received} the leaves are
not in whorls, but as yet, I have
not been able to learn their true
position on the stem, nor how ^{many}
of them it takes to make one circle.
Each years growth distinctly marked
by the fibrous roots of rhizomes
and the free space between each
cluster or bunch of roots.

I sent you two live plants, two
weeks since, & intended to have
written you at the time, but
was prevented by pressing duties

My Brother has had a photograph
of *Darlingtonia* taken by a traveling
Artist. It is not very good, but
the best he could get here. I've sent
you one in token of his high regard
for your botanical labors.

The first sweet secretion of
was first noticed on *Darlingtonia*
ten days since. It ^{first} appears on
the under surface of "fishtail" in
the form of "honey dew" Three days
after, it was found on the fold
around the orifice and covering
all the rough part of the hood
inside. This morning I find it on
the outside of the hoods, and ap-
-per surface of fishtail. It also ex-
-tends down the wing from a half
to three fourths of an inch, or as far
down as the red color extends. It is
not abundant on any part.

I send in alcohol, the insect mass

out of one dozen leaves.
Many of the small larvae re-
mained in the tubes.

Will send you plants collected
in this valley soon.

Yours Truly,

Mr. R. H. Austin

Quincy

Plumas Co.

Cal.

P.S. Send you some of the
leaves gathered this morning
hoping you may be able to
detect the honey on the dried
leaves.

Austin

August 2nd.

In an examination
made by my brother & self this
after noon. We found the honey
extending down the wing to the